

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|---------------------|
| 1 | 1 | "63311110" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 14:55 |
| 6 | 1 | 4584875.pn. | USPAT | 2004/02/05 15:12 |
| 7 | 1031 | yarn adj speed | USPAT | 2004/02/05 15:12 |
| 8 | 2 | yarn adj speed and twist adj rate | USPAT | 2004/02/05 15:18 |
| 12 | 18 | yarn and speed and twist adj rate | USPAT | 2004/02/05 15:19 |
| 13 | 613 | yarn with speed with twist | USPAT | 2004/02/05 15:19 |
| 14 | 30 | yarn with speed with twist and (photodiode photodetect\$3 photoelectric\$2 photo adj electric\$2 (light optic\$2) with (sens\$3 diode detect\$3)) | USPAT | 2004/02/05 15:20 |
| 20 | 8 | ("3261967" "3584225" "4338565" "4415926" "4511253" "4586372" "4731860" "4744035").PN. | USPAT | 2004/02/05 16:51 |
| 21 | 11 | 4338565.URPN. | USPAT | 2004/02/05 16:53 |
| 24 | 5 | ("2466251" "2655633" "3039391" "3566478" "3978588").PN. | USPAT | 2004/02/05 16:54 |
| 25 | 25 | 4887155.URPN. | USPAT | 2004/02/05 16:54 |
| 26 | 90 | yarn adj (speed) and ((light optic\$2) with (sens\$3 detect\$3) photodiode photodetect\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 17:21 |
| - | 0 | 10/070077 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 16:52 |
| - | 2 | 4648054.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 17:11 |
| - | 2 | 4584875.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 17:04 |
| - | 2 | 4591995.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 17:30 |
| - | 2 | 5030841.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 17:12 |
| - | 129 | 250/\$.ccls. and twist\$3 with (cable cord yarn thread) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 17:49 |
| - | 2 | 5521395.URPN. | USPAT | 2004/02/04 17:34 |
| - | 3 | ("3985451" "4887155" "5030841").PN. | USPAT | 2004/02/04 17:35 |
| - | 5 | 5030841.URPN. | USPAT | 2004/02/04 17:40 |

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| - | 2 | 5521395.URPN. | USPAT | 2004/02/04 17:42 |
| - | 3 | ("3985451" "4887155" "5030841").PN. | USPAT | 2004/02/04 17:42 |
| - | 1 | "3557377".PN. | USPAT | 2004/02/04 17:42 |
| - | 25 | 4887155.URPN. | USPAT | 2004/02/04 17:43 |
| - | 1 | yorimoto-katsumi.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 14:55 |
| - | 51 | 250/559.32.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 18:42 |
| - | 3 | ("2524579" "2978636" "3363458").PN. | USPAT | 2004/02/04 18:27 |
| - | 3 | 3594755.URPN. | USPAT | 2004/02/05 15:08 |
| - | 17 | 4491831.URPN. | USPAT | 2004/02/04 18:28 |
| - | 20 | 4720702.URPN. | USPAT | 2004/02/04 18:31 |
| - | 4 | ("3731069" "4178590" "4267554" "4491831").PN. | USPAT | 2004/02/04 18:32 |
| - | 5 | ("3594755" "3731069" "4007457" "4183381" "4184769").PN. | USPAT | 2004/02/04 18:39 |
| - | 277 | 250/559.22.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 18:42 |
| - | 4 | 5017797.URPN. | USPAT | 2004/02/04 18:46 |
| - | 3 | ("2991685" "4311916" "4404791").PN. | USPAT | 2004/02/04 18:48 |
| - | 26 | 250/559.22.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 18:55 |
| - | 47 | 250/559.12-559.18.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 18:57 |
| - | 9 | 250/208.2.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 18:57 |
| - | 13 | 250/559.44.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 18:57 |
| - | 51 | (twist\$3 tension\$) with (cable wire yarn thread cord) and speed and twist adj rate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/04 19:07 |
| - | 60 | 57/\$.ccls. and 250/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 11:36 |
| - | 11 | 4399648.URPN. | USPAT | 2004/02/04 19:12 |

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| - | 6 | ("3158852" "3772524" "3887814" "4112658" "4168604" "4183202").PN. | USPAT | 2004/02/04 19:13 |
| - | 178 | 702/159.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 11:36 |
| - | 7 | 702/159.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 11:36 |
| - | 143 | 702/41-43.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 11:37 |
| - | 25 | 702/41-43.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:11 |
| - | 4 | 3931938.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 11:46 |
| - | 0 | 702/172.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:12 |
| - | 2 | 702/172.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:12 |
| - | 4 | 702/157.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:12 |
| - | 296 | 57/264.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:12 |
| - | 91 | 57/80.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:44 |
| - | 15 | 700/144.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:44 |
| - | 14 | 700/122.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:48 |
| - | 153 | 73/160.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:48 |
| - | 32 | 356/429.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/05 12:49 |

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| - | 23 | 356/430.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:50 |
| - | 1 | 382/286.ccls. and (twist\$3 tension\$) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:52 |
| - | 11 | 382/286.ccls. and (twist\$3 tension\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:50 |
| - | 147 | 174/34.ccls. and (twist\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:51 |
| - | 1 | 174/34.ccls. and (twist\$3) adj rate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:52 |
| - | 20 | 174/34.ccls. and (twist\$3) with (speed rate) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:52 |
| - | 274 | 57/59-66.ccls. and (twist\$3) with (cable wire yarn thread cord fiber fibre) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:54 |
| - | 87 | 57/59-66.ccls. and (twist\$3) with (rate\$1 speed) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:58 |
| - | 2 | 57/59-66.ccls. and (twist\$3) and ((light optic\$2) with (sens\$3 detect\$3) photodiode photodetect\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 12:58 |
| - | 54 | 57/264.ccls. and (twist\$3) and ((light optic\$2) with (sens\$3 detect\$3) photodiode photodetect\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 13:06 |
| - | 156 | (twist\$3) near3 (speed rate) and ((light optic\$2) with (sens\$3 detect\$3) photodiode photodetect\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 13:08 |
| - | 44 | (twist\$3) adj (speed rate) and ((light optic\$2) with (sens\$3 detect\$3) photodiode photodetect\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 17:21 |
| - | 15 | matsumura-seiji.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/02/05 14:43 |